GAINWARD

Premium Brand of #1 NVIDIA Board Partner

Gainward GTX 590 3072MB GDDR5
<< The fastest graphics card on the planet >>

Specifications

Process technology	40nm
Processor Cores	1024 cores
Memory Amount	3072 MB
Memory Interface	384 bits *2
DRAM Type	GDDR5
Core Clock	607 MHz
Shader Clock	1215 MHz
Memory Clock	1707 MHz
Memory Bandwidth	327.7 (GB/sec)

- World's fastest DirectX 11 graphics card
- Built for enthusiasts' maximum requirement
- 3D Vision Surround on a single card at ultra-wide resolutions 5760x1080
- Quad SLI for the ultimate gaming rig
- Dual GPU with silent acoustic
- High performance vapor chamber cooler
- Better PC case compatible length - 11 inch
- Up to 1.5X performance vs. GTX 580
- Up to 1.8X performance in Quad SLI vs. GTX 590

Key Features

- Dual GTX 500 GPU on board
- Fermi 2.0
- Microsoft Windows 7 support
- DirectX 11 Done Right
- Shader Model 5.0 support
- Microsoft DirectCompute 5.0 support
- NVIDIA Unified Driver Architecture (UDA)
- NVIDIA CUDA Technology
- NVIDIA 3D Vision Surround support
- NVIDIA PureVideo HD technology
- NVIDIA Quad-SLI support
- OpenGL 4.x and OpenCL Support
- Three dual-link DVI-I connectors
- One mini DisplayPort connector
- High Definition 1080p Display Support
- Dual-link HDCP Capable

Output Support

Three Dual-link DVI-I, one mini DisplayPort

Dimension

PCB: 280mm(L)x112mm(W)
Cooler : 2 slot
Bracket : 2 slot

Accessory

1. Driver CD
2. Manual
3. Power cable

Minimum system requirements

Graphics card require:

- PCI Express or PCI Express 2.0-compliant motherboard with one dual-width x16 graphics slot
- Two 8-pin PCI Express supplementary power connectors
- Minimum 700W or greater system power supply (with a minimum 12V current rating of 50A)
- Microsoft Windows 7, Windows Vista, Windows XP

Compatible with Windows 7 · NVIDIA GeForce CUDA · NVIDIA PureVideo HD · PhysX by NVIDIA · HDMI HDCP

Gamer's Spirit!

www.gainward.com

GW GTX590_bar code: 426018336-2111